

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 2 | 10/761343 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 09:33 |
| L3 | 81 | ("3795845" "4095866" "4202007" "4302501" "4445735" "4458297" "4551673" "4636919" "4675243" "4730159" "4731643" "4748495" "4768154" "4799617" "4812792" "4814945" "4838800" "4861251" "4881905" "4912603" "4935584" "4956749" "4960386" "4969826" "4982311" "4991115" "4994938" "5009611" "5012924" "5019946" "5136123" "5155577" "5162792" "5165984" "5185502" "5220490" "5222014" "5227013" "5291375" "5309324" "5319224" "5417577" "5424492" "5441917" "5490040" "5491364" "5498767" "5500862" "5544018" "5545301" "5578870" "5584721" "5587944" "5596205" "5634093" "5635424" "5644500" "5684332" "5686699" "5691569" "5729432" "5730606" "5745374" "5774340" "5781446" "5784262" "5784264" "5786631" "5790383" "5822214" "6087732").PN. OR ("6594811"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/24 10:19 |
| L4 | 925 | 361/777.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:08 |
| L5 | 164 | 4 and ((ball adj grid adj array) BGA PBGA) and (via hole throu-hole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:30 |

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| L6 | 12 | 5 and (ground with (via hole thru-hole)) and (power with (via hole thru-hole)) and (capacitor capacitive capacitance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:17 |
| L7 | 2013 | 361/760.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:16 |
| L8 | 1828 | 7 not 4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:19 |
| L9 | 271 | 8 and ((ball adj grid adj array) BGA PBGA) and (via hole thru-hole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:19 |
| L10 | 31 | 9 and (ground with (via hole thru-hole)) and (power with (via hole thru-hole)) and (capacitor capacitive capacitance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:19 |
| L11 | 1389 | 361/744,767,768.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:19 |
| L12 | 1057 | 11 not (7 4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:21 |
| L13 | 165 | 12 and ((ball adj grid adj array) BGA PBGA) and (via hole thru-hole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:21 |

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| L14 | 8 | 13 and (ground with (via hole throu-hole)) and (power with (via hole throu-hole)) and (capacitor capacitive capacitance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:21 |
| L15 | 1691 | 361/792-795.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:21 |
| L16 | 1405 | 15 not (11 7 4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:22 |
| L17 | 165 | 13 and ((ball adj grid adj array) BGA PBGA) and (via hole throu-hole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:22 |
| L18 | 8 | 17 and (ground with (via hole throu-hole)) and (power with (via hole throu-hole)) and (capacitor capacitive capacitance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:22 |
| L19 | 1337 | 361/783,780,782.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:22 |
| L20 | 793 | 19 not (15 11 7 4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:24 |
| L21 | 165 | 17 and ((ball adj grid adj array) BGA PBGA) and (via hole throu-hole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:24 |

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| L22 | 84 | 20 and ((ball adj grid adj array) BGA PBGA) and (via hole throu-hole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:27 |
| L23 | 24 | 22 and (ground with (via hole throu-hole)) and (power with (via hole throu-hole)) and (capacitor capacitive capacitance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:24 |
| L24 | 4897 | 174/261-266.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:24 |
| L25 | 3398 | 24 not (19 15 11 7 4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:28 |
| L26 | 358 | 25 and ((ball adj grid adj array) BGA PBGA) and (via hole throu-hole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:24 |
| L27 | 35 | 26 and (ground with (via hole throu-hole)) and (power with (via hole throu-hole)) and (capacitor capacitive capacitance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:28 |
| L28 | 1706 | 439/66,91.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:27 |
| L29 | 281 | 28 and ((ball adj grid adj array) BGA PBGA) and (via hole throu-hole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:29 |

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| L30 | 5 | 29 and (ground with (via hole thru-hole)) and (power with (via hole thru-hole)) and (capacitor capacitive capacitance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:29 |
| L31 | 9132 | 257/686,737,724,532,533.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:28 |
| L32 | 8602 | 31 not (28 24 19 15 11 7 4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:31 |
| L33 | 1334 | 32 and ((ball adj grid adj array) BGA PBGA) and (via hole thru-hole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:29 |
| L34 | 49 | 33 and (ground with (via hole thru-hole)) and (power with (via hole thru-hole)) and (capacitor capacitive capacitance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:31 |
| L35 | 18996 | ((ball adj grid adj array) BGA PBGA) and (via hole thru-hole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:31 |
| L36 | 16267 | 35 not (31 28 24 19 15 11 7 4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:31 |
| L37 | 459 | 36 and (ground with (via hole thru-hole)) and (power with (via hole thru-hole)) and (capacitor capacitive capacitance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:32 |

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| L38 | 433 | 37 and (pad contact land) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:41 |
| L39 | 4 | 36 and ((via pad land) with arrangement) and (free adj space) and (decoupl\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 11:43 |
| L40 | 4 | 36 and (shar\$3 adj via) and (decoupl\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 13:59 |
| L41 | 3 | 10/716599 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 13:59 |
| L42 | 23 | ("20020008314" "20030043560" "20030183419" "5006820" "5281151" "5357403" "5384433" "5451721" "5544018" "5686764" "6194668" "6198635" "6246112" "6271478" "6310398" "6335493" "6365975" "6388890" "6407343" "6452262" "6521846" "6545876" "6690845").PN. OR ("7107673"). URP. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/24 14:02 |
| L43 | 11 | 10/101211 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 14:05 |
| L44 | 8 | 10/326123 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 14:07 |

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| L45 | 7 | 10/326079 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 14:07 |
| S1 | 249 | (Hoa near nguyen).xa. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 09:15 |
| S2 | 29 | S1 and @pd>"20050101" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 14:40 |
| S3 | 926 | ((alex near chan) (paul near brown) (charles near elliott)).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 14:41 |
| S4 | 8 | S3 and (via pad land) and (BGA PBGA) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 15:33 |
| S5 | 30 | ("6974722" "6762489" "6175158" "6160715" "6114763" "5844810" "6310398" "6594811" "20040164427" "20050044517" "20030183419" "6232564" "6534872" "20040099440" "20040136168").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 15:36 |